

eKHAIRAT SYSTEM

RABIATUL NAJWA BINTI MAT EZAM

BACHELOR OF COMPUTER SCIENCE

UNIVERSITI MALAYSIA PAHANG



SUPERVISOR'S DECLARATION

I hereby declare that I have checked this thesis and in my opinion, this thesis/report is sufficient in terms of scope and quality for the award of the degree in Bachelor of Computer Science (Software Engineering)

(Supervisor's Signature)

Full Name : DR MUHAMMAD AKMAL BIN REMLI
Position : LECTURER
Date : 30 MAY 2019



STUDENT'S DECLARATION

I hereby declare that the work in this thesis is based on my original work except for quotations and citations which have been duly acknowledged. I also declare that it has not been previously or concurrently submitted for any other degree at Universiti Malaysia Pahang or any other institutions.

(Student's Signature)

Full Name : RABIATUL NAJWA BINTI MAT EZAM

ID Number : CB14122

Date :30 MAY 2019

eKHAIRAT SYSTEM

RABIATUL NAJWA BINTI MAT EZAM

Thesis submitted in fulfillment of the requirements for the award of the degree of
Bachelor of Computer Science (Software Engineering)

Faculty of Computer Science & Software Engineering

UNIVERSITI MALAYSIA PAHANG

MAY 2019

ACKNOWLEDGEMENTS

In the Name of Allah s.w.t, the most Beneficent and the Most Merciful.

I would like to thank to Allah for his blessing during my completion this research.
Alhamdulillah syukur, I will not be able to finish this research without his blesses

First and foremost, our deepest gratitude I bid to our ever so helpful supervisor, Mohd Azwan Bin Mohamad @ Hamza and Dr. Muhammad Akmal Bin Remli, for all their efforts and guidance which leads us to complete this project based. Without his guidance, I will not be completion of this research paper in PSM 1 and PSM 2.

Last but not least, thank you and my highest appreciation for my beloved family, especially my father, Mr. Mat Ezam Bin Selamat, my mother, Madam Nor Asmah Binti Ibrahim and my family for their continuous support, encouragements during the completion of this project paper in PSM1.

Special thanks to my friend also my senior with same course, Nurul Nazihah Binti Sukor and all friend who had helped, give me strength and supported us throughout the creation and completion of this research paper.

ABSTRAK

Sistem eKhairat adalah sistem yang akan digunakan oleh kebanyakan organisasi di Malaysia. Sistem ini merupakan sistem untuk menyimpan semua maklumat pengguna. Terdapat tiga sebab mengapa ini berlaku. Pertama, maklumat pengguna mudah hilang. Kedua adalah pembaziran dalam penggunaan kertas dan mengurangkan tempat penyimpanan maklumat pengguna. Objektif utama projek ini adalah untuk memudahkan pengguna dan juga admin sistem untuk menyimpan maklumat pengguna yang ingin melibatkan diri dalam yuran bulanan khairat kematian . Sistem ini juga menumpukan pada bagaimana ramalan menggunakan sistem eKhairat dalam kehidupan harian pengguna yang ingin melibatkan diri dalam pembayaran bulanan khairat kematian yang boleh membawa manfaat dan impak kepada pengguna. Kajian ini mencadangkan penggunaan sistem pemyimpanan maklumat melalui atas talian.

ABSTRACT

EKhairat system is a system that will be used by most organizations in Malaysia. This system is a system for storing all user information. There are three reasons why this happened. First, user information is easy to lose. Second is wastage in paper usage and reduces storage of consumer information. The main objective of this project is to facilitate both users and system administrators to store user information who wish to engage in monthly deaths expenses. The system also focuses on how the prophecy uses the eKhairat system in the daily life of consumers who wish to engage in a monthly mortality payment that can bring benefits and impact to the user. This study proposes the use of information storage systems through online.

TABLE OF CONTENT

SUPERVISOR DECLARATION

STUDENT DECLARATION

TITLE PAGE

ACKNOWLEDGEMENTS 4

ABSTRAK 5

ABSTRACT 6v

TABLE OF CONTENT v

LIST OF TABLES vii

LIST OF FIGURES v11

LIST OF ABBREVIATIONS ix

CHAPTER 1 INTRODUCTION

1.1 INTRODUCTION 1

1.2 PROBLEM STATEMENT 2

1.3 OBJECTIVE 2

1.4 SCOPE 3

1.5 REPORT ORGANIZATION **Error! Bookmark not defined.**

CHAPTER 2 LITERATURE REVIEW **ERROR! BOOKMARK NOT DEFINED.**

2.1 INTRODUCTION 5

2.2	OVERVIEW OF DASHBOARD	5
2.3	COMPARISON OF PREVIOUS SYSTEM	7

CHAPTER 3 METHODOLOGY

3.1	INTRODUCTION	10
3.2	RAPID APPLICATION DEVELOPMENT (RAD)	11
3.2.1	Context Diagram	13
3.2.2	Use Case Diagram	14
3.2.3	Dialogue Diagram	15
3.2.4	Modules	17
3.3	HARDWARE AND SOFTWARE REQUIREMENTS	18
3.3.1	Hardware Requirements	18
3.2.4	Software Requirements	19
3.4	GANTT CHART	16

CHAPTER 4 IMPEMMENTATION AND TESTING

4.1	INTRODUCTION	21
4.2	IMPLEMENTATION PROCESS	21
4.2.1	Navigation Bars	22
4.2.2	Register Page	23
4.2.3	Login Page	25
4.2.4	Home Page	28
4.2.5	Search Page	29
4.2.6	Admin Dashboard Page	32
4.2.7	List of Registered Users Page	33

CHAPTER 5 CONCLUSION

5.1	INTRODUCTION	35
5.2	LIMITATION	36
5.3	FUTURE WORK	36
5.4	CONCLUSION	37
	REFERENCES	38
	APPENDICES	41

LIST OF TABLES

Table 3.1	Hardware Requirements	6
Table 3.2	Software Items	9

LIST OF FIGURES

Table 3.1	RAD Life Cycles Stages	11
Table 3.2	Context Diagram of eKhairat System	13
Table 3.3	Use Case Diagram of eKhairat System	14
Table 3.4	Dialogue Diagram of eKhairat System	15
Table 3.5	Gantt Chart for eKhairat System	20
Table 4.2.1.1	Navigation Bars For Admin	22
Table 4.2.2.2	Navigation Bars For Users	22
Table 4.2.2	Register View	23
Table 4.2.3	Login View	25
Table 4.2.4	Home Page View	28
Table 4.2.5	Search Field View	28
Table 4.2.6	Admin Dashboard View	32
Table 4.2.7	List of Registered Users View	33

CHAPTER 1

INTRODUCTION

This chapter will represent an introduction, followed by problem statement, objective and scope of the project. All information that related to this study is presented.

1.1 INTRODUCTION

Khairat is derived from the Arabic word meaning charity where it also includes donations, and so on. Alms or donations are the sincere contribution of a person to be given to another person. According to the Chamber Dictionary, donations are defined as money-generating assistance (to groups and others), sincere and charitable gifts (to the poor and others). Alms also means giving to the poor and others (with sincerity). While charity is defined as charity, donation or charity. However, the use of this term of charity does not cover the deaths created in the mosques, but it can be used if the charity funds are funded by donations. The funeral expenses is usually the money collected from the contributors who live in an area (members and children of an area) at a certain rate and given to the representative upon death.

The main objective is to develop a PHP based web application named “eKhairat System” that covers all the aspect of paying the funeral expenses monthly via online. It enables admin, staff and member to improve operational effectiveness, reduce costs and reduce time consumption.

This system help reduces the problems occur when using the other similar system and helps anyone who request to involves in funeral expenses. The important thing is it will become easier for the data record and retrieval. The user of this software is user and admin. The admin is the person who can manage whole system where they can add and delete all the information. The admin can manage a few of the activities in the system which are manage and search for member information.

This software stores all the information. The system also allows the user to login by enter their username and password. Then the system will proceed to access the system.

1.2 PROBLEM STATEMENT

eKhairat system is enhanced from the similar management system that has been using in the mosque. The staff need to add some information about member.

Problem of using paper to record down the records of member:

- Easy to lost record or duplicate record
There is no security when the information can review by others so anyone can copy the information easily
- Waste money on purchase paper
The form need to print out and need a lot of paper
- Waste space for store record
All record need to keep in a room or office. So, this will waste the space that can be used for others just to keep the record safe

This problem is so important is because they will affect the organization of mosque cause increase of cost. eKhairat system is developed to overcome the problems. The system has few modules such as registration, login and user information.

REFERENCE

- [1] Matthew MacDonald, "Creating a Website - The Missing Manual", 3rd ed, 2011, O'Reilly. (A good introductory book on HTML/CSS. A new version is expected in July 2015.)
- [2] Matthew MacDonald, "HTML 5 - The Missing Manual", 2nd ed, 2014, O'Reilly.
- [3] David Sawyer McFarland, "CSS 3 - The Missing Manual", 3rd ed, 2013, O'Reilly.
- [4] Codd E. F., "A Relational Model of Data for Large Shared Data Banks", Communications of the ACM, vol. 13, issue 6, pp. 377–387, June 1970.
- [5](For Java Programmers) "JDBC Basics", Java Online Tutorial @ <http://download.oracle.com/javase/tutorial/jdbc/basics/index.html>.
- [6] Paul DuBois, "MySQL Developer's Library", 4th ed, 2009 (5th ed is probably available).
- [7] Russell Dyer, "MySQL in a Nutshell", 2nd ed, O'reilly, 2008.